



# **Birla Institute of Technology and Science Pilani-333031 Rajasthan - India**

## *CERTIFICATE*

This is to certify that the thesis entitled “*Carbon TiO<sub>2</sub> Nanocomposites based Devices for Detection of Volatile Organic Compounds*” submitted by Teena Gakhar, ID no 2017PHXF0020P for the award of Ph.D. of the Institute, embodies an original piece of work done by her under my supervision.

Signature of the supervisor .....

Name Dr. Arnab Hazra

Designation Assistant Professor

Department of Electrical and Electronics Engineering

BITS Pilani

Pilani Campus

Rajasthan, India

Date :